

*Interference*  
**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1189	(rail and seat).clm.	US-PGPUB	OR	ON	2006/04/28 14:30
L2	58	1 and pad.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:31
L3	1773	(rail and tie).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:32
L4	175722	(pad or shoulder).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:32
L5	242	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 14:32

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(("6045052") or ("6786459") or ("4971247")).PN.	USPAT	OR	OFF	2006/04/28 11:31
L2	39	("0031283"   "0590108"   "0801278"   "0961052"   "1039748"   "1045741"   "1058435"   "1406074"   "1750735"   "1772875"   "2057955"   "2337497"   "2609991"   "3223328"   "3576293"   "3784097"   "3831842"   "4254908"   "5549245"   "5692677"   "5735457").PN. OR ("6045052").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:03
L3	11	("4379521" "4618093" "4971247" "5203502" "5692677" "5730357" "6040052" "6045052" "6367704" "6604690" "6786459").PN.	US-PGPUB; USPAT	OR	ON	2006/04/28 12:03
L4	31	("0752753"   "1045741"   "1071361"   "1147321"   "1362561"   "1814239"   "20020070283"   "3863329"   "3945566"   "4005839"   "4050839"   "4065006"   "4119271"   "4349150"   "4925094"   "5020441"   "5110046"   "5330136"   "5464153"   "5494212"   "5496004"   "5918806"   "6257494"   "6336265"   "6343748").PN. OR ("6786459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:14
L5	39	("0031283"   "0590108"   "0801278"   "0961052"   "1039748"   "1045741"   "1058435"   "1406074"   "1750735"   "1772875"   "2057955"   "2337497"   "2609991"   "3223328"   "3576293"   "3784097"   "3831842"   "4254908"   "5549245"   "5692677"   "5735457").PN. OR ("6045052").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:16

## EAST Search History

L6	15	("0427814"   "0695429"   "2088113"   "2609991"   "2656116"   "4648554"   "5195679"   "5203501"   "5335850"   "6045052").PN. OR ("6481637").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:16
L7	26	("1772875"   "4104483"   "4313563"   "4325511"   "4494463"   "4540637"   "4566631"   "4757945"   "4771944"   "4925094"   "4971247"   "5011077"   "5098959"   "5110046"   "5165346"   "5173222"   "5195679"   "5203502"   "5249743"   "5261599"   "5346131").PN. OR ("5549245").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:17
L8	27	("0853684"   "1822963"   "2713974"   "3295760"   "3904112"   "3920183"   "4175700"   "4254908"   "4316578"   "4447006"   "4454985"   "4618093"   "4632308"   "4696429"   "4715533"   "4757945").PN. OR ("4971247").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:33
L9	12	("3016317"   "3423263"   "4104430"   "4336293"   "4493471"   "4648554"   "4822663"   "4971247"   "5195679"   "5335850").PN. OR ("6342287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:33
L10	11	("3974312"   "4254908"   "4317270"   "5261599").PN. OR ("5730357").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:39
L11	18	("2377942"   "3827631"   "3904112"   "3920183"   "4175700"   "4316578"   "4618093"   "4757945"   "4771944"   "4773591"   "4971247").PN. OR ("5203502").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:40
L12	12	("2656116"   "4216904"   "4379521").PN. OR ("4618093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:40
S1	17	("4379521" "4618093" "5203502" "5692677" "6040052" "6367704" "6604690").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/28 11:30

## EAST Search History

S2	18	("2377942"   "3827631"   "3904112"   "3920183"   "4175700"   "4316578"   "4618093"   "4757945"   "4771944"   "4773591"   "4971247").PN. OR ("5203502"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 14:20
S3	26	("1772875"   "3700754"   "4104483"   "4313563"   "4325511"   "4494463"   "4540637"   "4566631"   "4757945"   "4771944"   "4925094"   "4971247"   "5011077"   "5098959"   "5110046"   "5165346"   "5173222"   "5195679"   "5203502"   "5249743"   "5261599"   "5346131"   "5405081").PN. OR ("5551633"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 15:01
S4	1772	((238/264) or (238/283) or (238/265) or (238/280) or (238/287) or (238/382)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/09 14:06
S5	12	("3016317"   "3423263"   "4104430"   "4336293"   "4493471"   "4648554"   "4822663"   "4971247"   "5195679"   "5335850").PN. OR ("6342287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 15:05
S6	38	("0031283"   "0590108"   "0801278"   "0961052"   "1039748"   "1045741"   "1058435"   "1406074"   "1750735"   "1772875"   "2057955"   "2337497"   "2609991"   "3223328"   "3576293"   "3784097"   "3831842"   "4254908"   "5549245"   "5692677"   "5735457").PN. OR ("6045052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 15:09
S7	11	("3974312"   "4254908"   "4317270"   "5261599").PN. OR ("5730357").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 15:27

## EAST Search History

S8	46	("0031283"   "0590108"   "0961052"   "1039748"   "1406074"   "1750735"   "1772875"   "2057955"   "2770421"   "3297253"   "3460756"   "3463394"   "3581990"   "3610526"   "4053107"   "4104483"   "4267970"   "4274582"   "4284238"   "4313563"   "4463898"   "4576334"   "4688719"   "4925094"   "4928878"   "5110046"   "5520330"   "5566882"   "5678762"   "5718376"   "5735458"   "5820021"   "5865370").PN. OR ("6367704"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:27
S9	3	("4053107").PN. OR ("4576334"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:29
S10	11	("3974312"   "4254908"   "4317270"   "5261599").PN. OR ("5730357").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:32
S11	27	("2032114"   "2087248"   "3026224"   "3142599"   "3311331"   "3560237"   "3920183").PN. OR ("4648554"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:33
S12	15	("0427814"   "0695429"   "2088113"   "2609991"   "2656116"   "4648554"   "5195679"   "5203501"   "5335850"   "6045052").PN. OR ("6481637").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:33
S13	38	("0031283"   "0590108"   "0801278"   "0961052"   "1039748"   "1045741"   "1058435"   "1406074"   "1750735"   "1772875"   "2057955"   "2337497"   "2609991"   "3223328"   "3576293"   "3784097"   "3831842"   "4254908"   "5549245"   "5692677"   "5735457").PN. OR ("6045052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:34

## EAST Search History

S14	8	("3576293"   "3784097"   "3831842"   "4216904"   "4967954"   "6027034"   "6045052"   "6343748").PN. OR ("6572027").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:34
S15	9	("3576293"   "3784097"   "3831842"   "4216904"   "4967954"   "6027034"   "6045052").PN. OR ("6343748"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:35
S16	26	("1772875"   "4104483"   "4313563"   "4325511"   "4494463"   "4540637"   "4566631"   "4757945"   "4771944"   "4925094"   "4971247"   "5011077"   "5098959"   "5110046"   "5165346"   "5173222"   "5195679"   "5203502"   "5249743"   "5261599"   "5346131").PN. OR ("5549245"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:36
S17	27	("0853684"   "1822963"   "2713974"   "3295760"   "3904112"   "3920183"   "4175700"   "4254908"   "4316578"   "4447006"   "4454985"   "4618093"   "4632308"   "4696429"   "4715533"   "4757945").PN. OR ("4971247").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:40
S18	19	("2656116"   "3297253"   "3417922"   "3544006"   "3549090"   "3658246"   "3826423").PN. OR ("3920183"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 09:57
S19	10	("2009309"   "3104483"   "3460756"   "3463394"   "3784098"   "3920183").PN. OR ("4569477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 10:03
S20	8423	rail with pad	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 10:03
S21	965	S20 same (tie or sleeper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 10:04

## EAST Search History

S22	236	S21 same insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/30 10:05
S23	31	("0752753"   "1045741"   "1071361"   "1147321"   "1362561"   "1814239"   "20020070283"   "3863329"   "3945566"   "4005839"   "4050839"   "4065006"   "4119271"   "4349150"   "4925094"   "5020441"   "5110046"   "5330136"   "5464153"   "5494212"   "5496004"   "5918806"   "6257494"   "6336265"   "6343748").PN. OR ("6786459"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 10:07
S24	4	((("4618093") or ("6045052"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/09 12:12
S25	38	("0031283"   "0590108"   "0801278"   "0961052"   "1039748"   "1045741"   "1058435"   "1406074"   "1750735"   "1772875"   "2057955"   "2337497"   "2609991"   "3223328"   "3576293"   "3784097"   "3831842"   "4254908"   "5549245"   "5692677"   "5735457").PN. OR ("6045052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:20
S26	18	("2377942"   "3827631"   "3904112"   "3920183"   "4175700"   "4316578"   "4618093"   "4757945"   "4771944"   "4773591"   "4971247").PN. OR ("5203502"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:40
S27	8	((("5730357") or ("5203502") or ("4971247") or ("6786459"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/09 12:41
S28	11	("3974312"   "4254908"   "4317270"   "5261599").PN. OR ("5730357").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 13:44

## EAST Search History

S29	18	("2377942"   "3827631"   "3904112"   "3920183"   "4175700"   "4316578"   "4618093"   "4757945"   "4771944"   "4773591"   "4971247").PN. OR ("5203502"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 13:44
S30	27	("0853684"   "1822963"   "2713974"   "3295760"   "3904112"   "3920183"   "4175700"   "4254908"   "4316578"   "4447006"   "4454985"   "4618093"   "4632308"   "4696429"   "4715533"   "4757945").PN. OR ("4971247").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 13:55
S31	12	("3016317"   "3423263"   "4104430"   "4336293"   "4493471"   "4648554"   "4822663"   "4971247"   "5195679"   "5335850").PN. OR ("6342287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 13:55
S32	12	("2656116"   "4216904"   "4379521").PN. OR ("4618093"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 14:04
S33	1123	((238/264) or (238/283) or (238/265) or (238/280) or (238/287) or (238/382)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/09 14:06
S34	10	("1337621"   "1489238"   "4061270"   "4109860"   "4316578"   "4946099"   "4967954"   "5096119").PN. OR ("6648238").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 14:07
S35	38	("0031283"   "0590108"   "0801278"   "0961052"   "1039748"   "1045741"   "1058435"   "1406074"   "1750735"   "1772875"   "2057955"   "2337497"   "2609991"   "3223328"   "3576293"   "3784097"   "3831842"   "4254908"   "5549245"   "5692677"   "5735457").PN. OR ("6045052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 14:14
S36	8	("3576293"   "3784097"   "3831842"   "4216904"   "4967954"   "6027034"   "6045052"   "6343748").PN. OR ("6572027").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 14:15



## EAST Search History

S37	3	("6045052") or ("6786459") or ("4971247")).PN.	USPAT	OR	OFF	2006/04/11 12:05
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